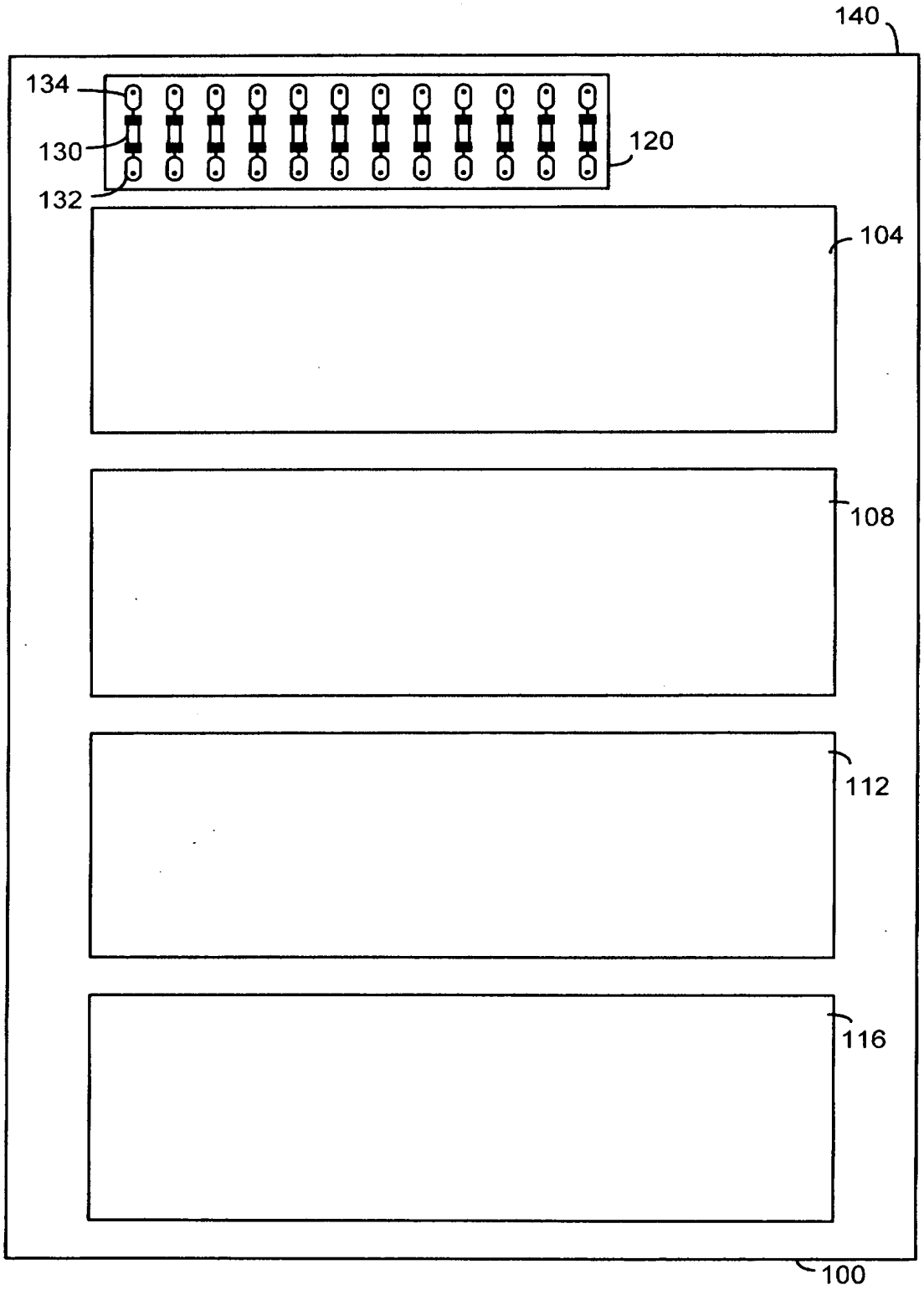
FIG. 1



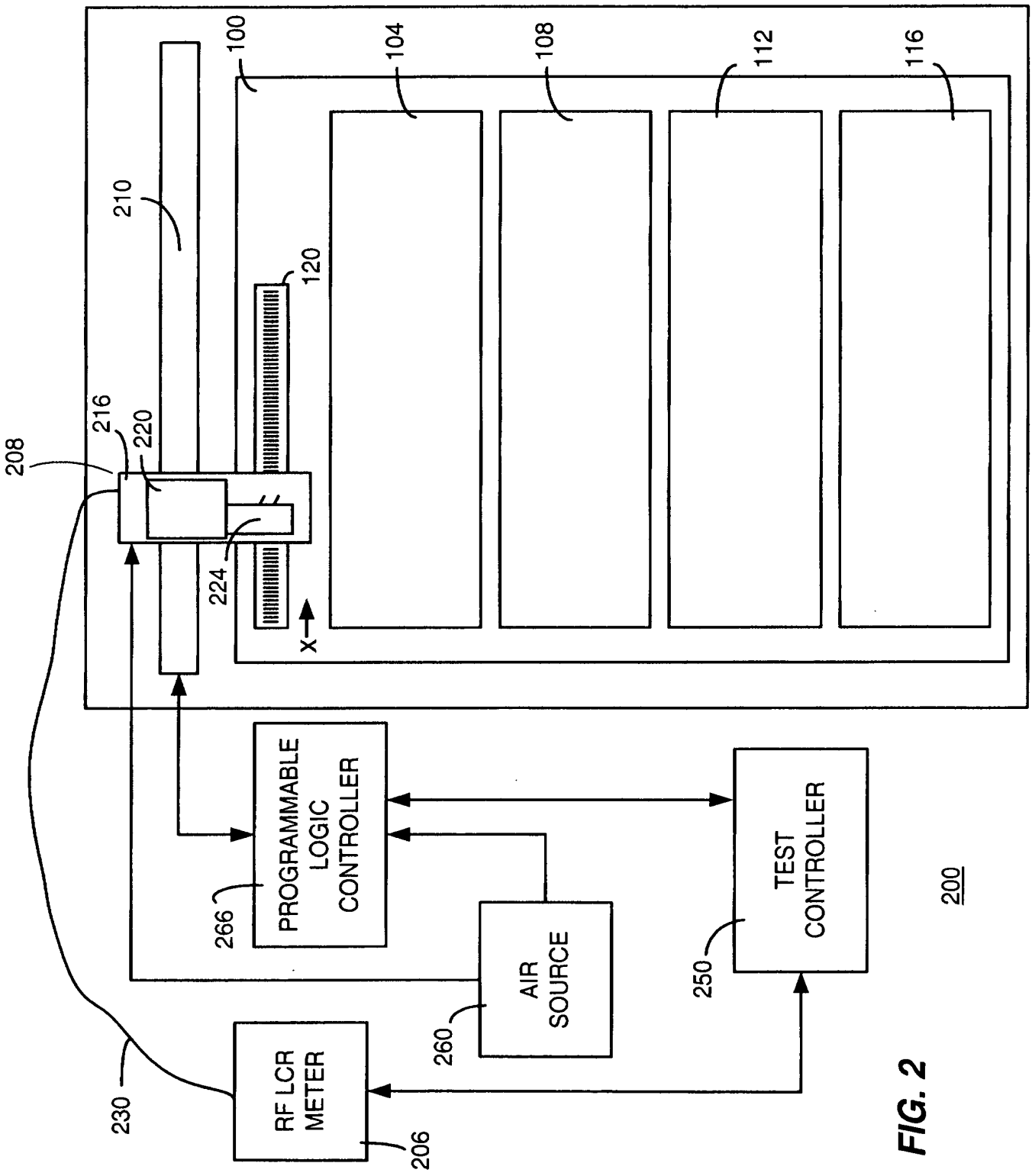

100
104
108
112
116
210
120
208
216
220
224
X
PROGRAMMABLE LOGIC CONTROLLER
266
AIR SOURCE
260
TEST CONTROLLER
250
RF LCR METER
206
230
200

FIG. 2

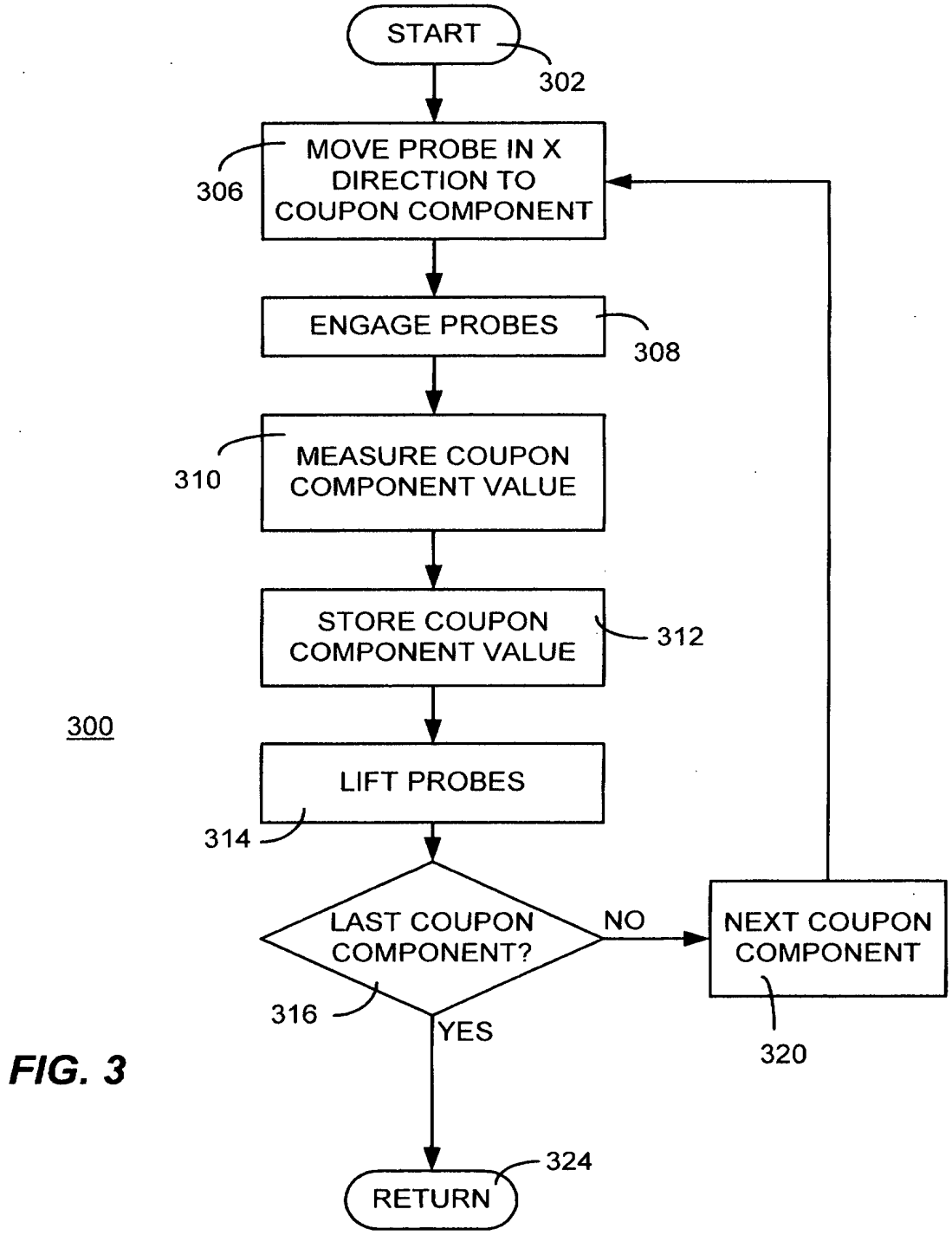
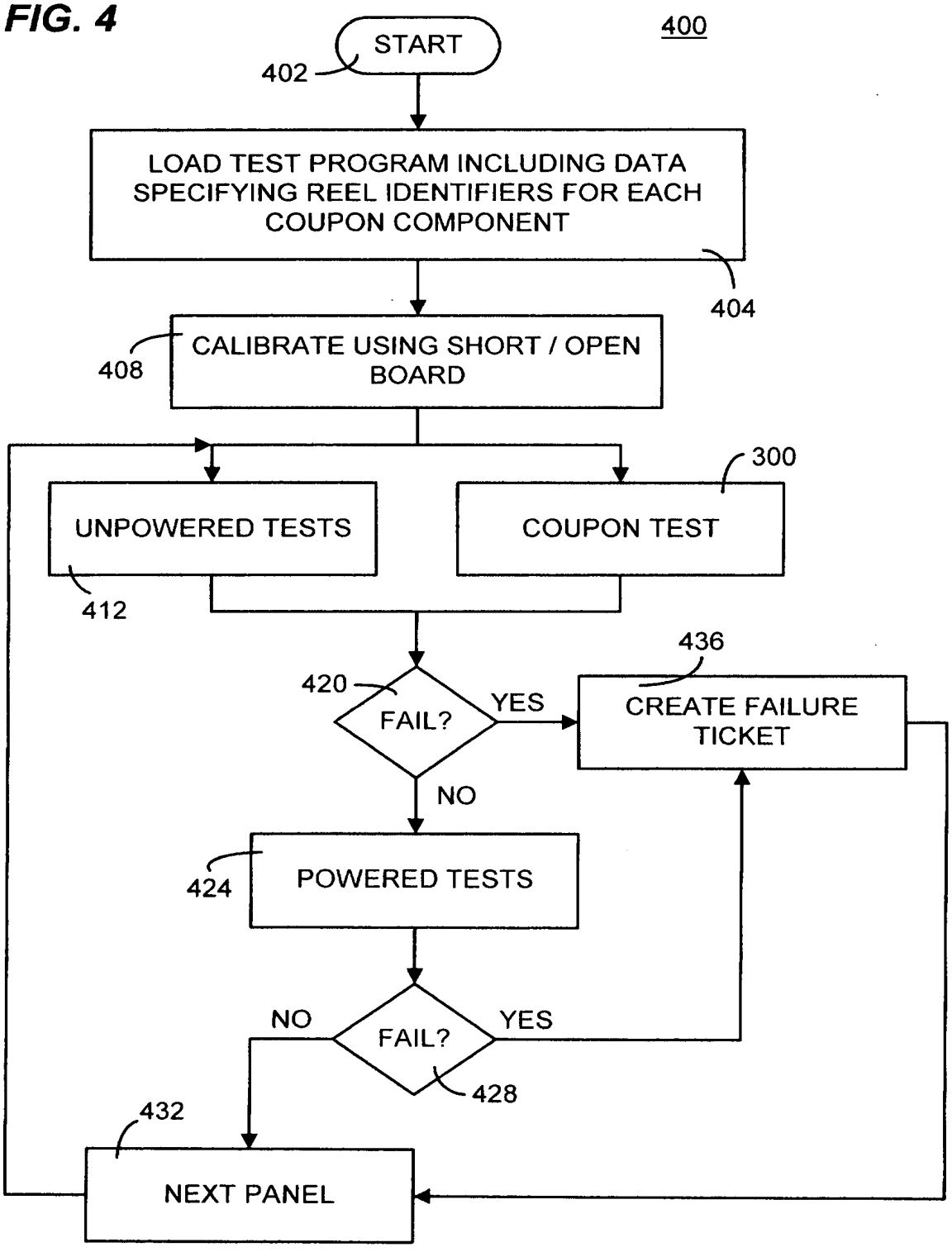

START
302
MOVE PROBE IN X DIRECTION TO COUPON COMPONENT
306
ENGAGE PROBES
308
MEASURE COUPON COMPONENT VALUE
310
STORE COUPON COMPONENT VALUE
312
300
LIFT PROBES
314
LAST COUPON COMPONENT?
NO
NEXT COUPON COMPONENT
316
YES
320
RETURN
324

FIG. 3

FIG. 4


400
START
402
LOAD TEST PROGRAM INCLUDING DATA SPECIFYING REEL IDENTIFIERS FOR EACH COUPON COMPONENT
404
CALIBRATE USING SHORT / OPEN BOARD
408
300
UNPOWERED TESTS
412
COUPON TEST
420
FAIL?
YES
436
CREATE FAILURE TICKET
NO
424
POWERED TESTS
NO
FAIL?
YES
428
432
NEXT PANEL